

CLAIM(S)

What is claimed is :

1. A stabilized fluoropolymer aqueous dispersion, wherein the stabilizer is
5 polysiloxane polyoxyalkylene copolymer.
2. The dispersion of claim 1 wherein said copolymer is present in an
effective amount to provide the stabilization of said dispersion.
- 10 3. The dispersion of claim 2 wherein the amount of said stabilizer present
is at least 2% based on the total weight of said fluoropolymer.
4. The dispersion of claim 1 wherein said stabilizer has the formula
R'[(R₂SiO)_y]_a-(C_nH_{2n}O)_x]_b R'', wherein R and R' are hydrocarbyl
15 groups, R'' is a hydrogen or a hydrocarbyl group, y is an integer of at
least 2, a is an integer of at least 1, n is an integer of at least 2, x is an
integer of at least 3, and b is an integer of at least 1.
5. The dispersion of claim 1 wherein the concentration of said
20 fluoropolymer in said dispersion prior to the addition of stabilizer
thereto is from 20 to 55 wt% based on the total weight of said
dispersion prior to addition of said stabilizer to said dispersion.
6. The dispersion of claim 5 wherein said dispersion also contains
25 dispersing agent that provides said dispersion prior to the addition of
said stabilizer to said dispersion.
7. The dispersion of claim 1 wherein said fluoropolymer is
polytetrafluoroethylene.
- 30 8. The dispersion of claim 1 wherein said copolymer has a cloud point of
no greater than 25°C